Notice of Allowability	Application No.	Applicant(s)
	10/825,719	MO ET AL.
	Examiner	Art Unit
	Jaworski Francis J.	3737
The MAILING DATE of this communication appeall claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this app) or other appropriate communication (IGHTS. This application is subject to	olication. If not included will be mailed in due course. THIS
1. X This communication is responsive to amdt.ids1-19-05.		
2. ☑ The allowed claim(s) is/are <u>1-36</u> .		
3. $igotimes$ The drawings filed on $ extit{16 April 2004}$ are accepted by the E	ixaminer.	
4. Acknowledgment is made of a claim for foreign priority uses a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 5. A SUBSTITUTE OATH OR DECLARATION must be submin INFORMAL PATENT APPLICATION (PTO-152) which give (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date [b) including changes required by the attached Examiner Paper No./Mail Date	e been received. e been received in Application No comments have been received in this in the communication to file a reply MENT of this application. Initted. Note the attached EXAMINER res reason(s) why the oath or declarates to be submitted. son's Patent Drawing Review (PTO- c's Amendment / Comment or in the Comment or in the Comment or the drawing should be written on the drawing shoul	complying with the requirements S AMENDMENT or NOTICE OF tion is deficient. 948) attached Office action of the back) of
each sheet. Replacement sheet(s) should be labeled as such in to a DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT	osit of BIOLOGICAL MATERIAL r	nust be submitted. Note the
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/I Paper No./Mail Date 1-19-05 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Summary Paper No./Mail Dat 08), 7. ⊠ Examiner's Amendr	e
		ocls J. Jawors d

Art Unit: 3737

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Susan Yee, Reg. No.41,388 on August 19, 2005.

The application has been amended as follows:

In Claim 2 line 1 "filtering is performed" has been deleted in favor of : -processor is configured for selecting said optimal high pass filter for performing
filtering –

In Claim 3 " a criterion for selecting " has been deleted in favor of — the processor is configured to select —

In Claim 4 " a criterion for selecting " has been deleted in favor of – the processor is configured to select –

In Claim 5 the language " a criterion for selecting " has been deleted in favor of the processor is configured to select --.

In Claim 6 "filtering is performed " has been deleted in favor of -- processor is configured for selecting said optimal high pass filter for performing filtering --.

In each of claims 10, 11 and 12 " a criterion for selecting " has been deleted in favor of – the processor is further configured to select –, and thereafter the language " further comprises " has been deleted.

In each of claims 13 and 14 the language " is performed " has been deleted in favor of – high pass filter is configured to perform --.

In each of claims 33 and 34 in line 1 only, before "number " "infinite " has been changed to -- finite --.

The terminology "select an optimal high pass filter" in the base claims 1 and 9 is understood to be generic to both the configuration by selection of operational parameters of a filter as well as the selection of discrete filters as for example is claimed in claim 7.

The following is an examiner's statement of reasons for allowance: In addition to the art of record, Mo et al (US6296612) is directed to non-iterative wall filter coefficient selection based upon the mean and variance of the clutter frequency, and (US5961461) to adaptive high pass filter weighting for B-mode enhancement. Huebscher et al (US4324258) is directed to recursive loop filtering of clutter by substracting stationary or near stationary Doppler signals. None of the prior art alone or in combination teaches iterative determination of high pass clutter selection based upon magnitude and mean frequency of the ultrasound colorflow data signal or upon the recited filtered data autocorrelation relationship using the original colorflow data for the iterations..

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Any inquiry concerning this communication should be directed to Jaworski

Francis J. at telephone number 571-272-4738.

Francis J. Jaworski Primary Examiner

FJJ:fjj

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